Peak District National Park

Forecast valid from 00:00 on Sunday 22 May 2022 until 23:59 on Monday 23 May 2022

Forecast Issued on Saturday 21 May 2022 at 14:23

Confidence: High for the change to more unsettled, showery conditions next week. Moderate for detail of low cloud and shower distribution.

Headline for Sunday 22 May 2022: Often cloudy, but mainly dry. Rather warm.

Mountain weather hazards on Sunday 22 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Dull	Dull	Cloudy	Heavy rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
<05%	10%	20%	20%	20%	30%	20%	10%

Forecast for Sunday 22 May 2022

Weather: Rather dull through the morning with a chance of intermittent rain or drizzle, mainly on western upslopes. Turning a little brighter by the afternoon, but there is a risk of a passing shower or two. Dry again by evening with partly cloudy skies. Generally light winds, though probably a little breezier through the middle of the day.

Chance of cloud-free hill tops above 600m: 60% in the west, rising to 90% by mid-afternoon. 90% in the east.

Low cloud and visibility: Broken cloud in the morning may lower at times to around 500m, particularly on western slopes and in more persistent drizzle. Drizzle may also reduce visibilities to poor for an hour or so. Short-lived deteriorations to moderate in any afternoon showers, perhaps with some associated scraps of cloud around 600m. Generally very good visibility otherwise.

Forecast for Sunday 22 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 SW	16/23 SW	13/19 SW	13/18 SW	16/23 SW	16/23 SW	12/17 SW	11/15 SW	12/16 SW
300	8/13 S	10/19 S	9/15 S	11/16 S	14/21 SW	12/19 SW	9/14 SW	8/12 SW	8/12 SW
Valley	4/12 S	6/19 S	5/15 S	7/16 S	11/21 SW	10/19 SW	6/14 SW	5/13 SW	6/14 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/4	8/5	10/7	11/8	12/10	12/10	11/8	10/7
300	11/9	10/8	11/9	12/10	14/11	15/13	15/13	13/12	12/11
Valley	10/9	10/8	11/10	13/11	15/13	16/14	15/14	13/13	12/12
Freezing Level*	2300m	2400m	2300m	2400m	2300m	2300m	2300m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sun protection is advised with strong UV levels during any sunnier periods through the afternoon. Be prepared for a short-lived, afternoon rain shower by bringing waterproofs.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 20 May 2022	0mm	2mm	3.4mm

Forecast for Monday 23 May 2022

Weather: A brief spell of patchy overnight rain possible, otherwise dry and mostly cloudy. Early low cloud lifting and breaking to bright or sunny spells by day. A chance of scattered showers through the afternoon, these heavy at times with a risk of thunder. Showers easing in intensity and frequency during the evening. Gentle westerly winds throughout.

Maximum wind: Westerly 10-15mph, gusts 20mph.

Chance of cloud-free hill tops above 600m: 90%, decreasing to 70% overnight in the west. Increasing to greater than 95% during the morning, then reducing to 90% from mid-afternoon.

Low cloud and visibility: Patches of cloud developing around 500-600m, mainly in the west of the range overnight. The cloud lifting clear of summits through the morning, but further patches of cloud around 500-600m possible in any heavy showers later in the day also reducing general visibilities to moderate or poor. Otherwise visibilities outside of cloud and showers very good.

Temperature: **Valleys:** Plus 13 Celsius, increasing to Plus 16 Celsius.
At 600m: Plus 09 Celsius.
Freezing level: Above the summits.